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JC873 U.S. PTO

09/643595



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Barberá-Guillem and Nelson

B-29

Filed: 22 August 2000

For: Methods and compositions for immunotherapy of B cell involvement in promotion of a disease condition comprising multiple sclerosis

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

Assistant Commissioner of Patents
Washington, D.C. 20231

Applicants wish to make of record the following references under the provisions of 37 CFR 1.97 and to provide copies of relevant background cited in the application. The submission of any document herewith is not intended as an admission that such document constitutes prior art against the claims of the present application, or is to be considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove any document as a cited reference against the claims of the present invention.

References Cited

Please see attached Form PTO-1149 for list of publications, legible copies of all publication listed are enclosed.

Statement of Relevancy

- ✓ 1. U.S. Patent No. 5,593,676; Bhat et al. This patent describes methods of killing B cells, particularly neoplastic B cells, with anti-CDIM antibodies.
- ✓ 2. U.S. Patent No. 5,789,554; Leung and Hansen. This patent describes methods for treating B cell lymphomas and leukemias.
- ✓ 3. U.S. Patent Nos. 5,736,137, 5,776,456, and 5,843,439; Anderson et al. These patents describe methods and compositions for treatment of B cell lymphoma.

- ✓ 4. Barbera-Guillem et al., 2000, *Cancer Immunol. Immunother.*, 48:541-549.

This paper describes B cell pathology (as related to B cell subpopulations in an altered amount as compared to normal levels) in a pro-tumor immune response.

- / 5. Barbera-Guillem et al., 1999, *Neoplasia*, 1:453-460.

This paper describes formation of complexes comprising anti-shed tumor antigen (being multivalent for the sTn epitope) and IgG antibody directed thereagainst; and the promotion of inflammation and tissue degradation by the complexes in promoting progression of solid tumors.

The person making this statement is the patent attorney who signs below on the basis of the information supplied by the inventors, and as the attorney associated with the filing and prosecution of this application (37 CFR 1.56(a)):



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Date: 22 August 2000